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| DEALABATION FABRITH ITV AD | Attorney Docker Hum | /G! | 00200 00/1 | | |
|--|--|----------------------------|------------------|--|--|
| DECLARATION FOR UTILITY OR DESIGN | First Named Inventor | Machado, et al. | | | |
| PATENT APPLICATION | COMPLETE IF KNOWN | | | | |
| (37 CFR 1.63) | Application Number | | | | |
| X Declaration Declaration | Filing Date | | | | |
| Submitted OR Submitted after Initial with Initial Filing (surcharge | Group Art Unit | | | | |
| Filing (37 CFR 1.16 (e)) required) | Examiner Name | | | | |
| As a below named inventor, I hereby declare that: | | | | | |
| My residence, mailing address, and citizenship are as stated be | elow next to my name. | | | | |
| I believe I am the original, first and sole inventor (if only one na names are listed below) of the subject matter which is claimed | I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: | | | | |
| CATALYST HOLDER AND AGITATION SYSTEM F | OR CONVERTING STI | RRED TANK | | | |
| REACTOR TO FIXED BED REACTOR | | | | | |
| (Title of the Ir | vention) | 441. | | | |
| the specification of which | | | | | |
| X is attached hereto | | | | | |
| OR was filed on (MM/DD/YYYY) | as United States Ap | plication Number or PCT Ir | nternational | | |
| Application Number and was ame | nded on (MM/DD/YYYY) | 41716 | (if applicable). | | |

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

Lacknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuationin-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? YES NO |
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| 111 | | | | |
| Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto: | | | | |

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+ Approved for use through 10/31/2002, OMB 0651-0032

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DECLARATION — Utility or Design Patent Application

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| Name | walker - | とう 。 - Air Products an | | , Inc. ——— | |
| Address | | | | *************************************** | |
| Address | | | | | |
| City | | | State | | ZIP |
| Country | Tele | ephone | | | Fax |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | | | |
| NAME OF SOLE OR FIRST INVI | ENTOR: | | A petitio | n has been file | d for this unsigned inventor |
| Given Name (first and middle [inany]) Reinaldo Ma | ario | | Family Na | | |
| 7 / | land N | Ladre | b_ | | Feb. 14 th 2002 Date |
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| NAME OF SECOND INVENTOR | | | A petitio | on has been fil | ed for this unsigned inventor |
| Given Name (first and middle [if any]) James Edw | ard | | Family N or Surna | KONISKI | |
| 77 | Edwar | d kons | ski . | | FEB. 15 ⁴⁴ , 2002_ |
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| Mailing Address | | | | | |
| Souderton City | PA State | | ZIP | 18964 | USA Country |
| Additional inventors are being named | 1 | pplemental Additi | onal Invent | or(s) sheet(s) PT | O/SB/02A attached hereto. |

| Please type a plus sign (+) inside this box ——————————————————————————————————— | - |
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PTO/SB/02A (11-00)
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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet Page __1 of _1

| Name of Additional Joint Inventor, if any: | | A petition has been filed for this unsigned inventor | | | |
|--|-------------|--|--|----------------|------------------|
| Given Name (first and middle [if any]) | | | Family Nan | ne or Su | mame |
| Stephen | | | Kohler | | |
| Inventor's Stephen Kohle | r | | | | 2/14/02 Date |
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| City Slatington | PA State | | ZIP 18080 | USA Country | , |
| Name of Additional Joint Inventor, if an | y: | | A petition has been filed for this unsigned inventor | | |
| Given Name (first and middle [if any]) | | | Family Nar | ne or Su | mame |
| | | | | | |
| Inventor's Signature | | | | | Date |
| Residence: City | State | c | Country | | Citizenship |
| Mailing Address | | | | | |
| Mailing Address | | | | | |
| | | | | | |
| City | State | | ZIP | Cour | ntry |
| Name of Additional Joint Inventor, if any: | | A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle [if any]) | | Family Name or Surname | | | |
| | | | 49.84 | ··········· | |
| Inventor's Signature | | | | | Date |
| Residence; City | State | | Country | | Citizenship |
| Mailing Address | | | | | |
| Mailing Address | | | | | |
| City | State | | ZiP | Co | ountry |

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PTO/SB/81 (02-01)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| Application Number | |
|------------------------|--------------------------------------|
| Filing Date | |
| First Named Inventor | Machado, et al. |
| Title | Catalyst Holder and Agitation System |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 06206 USA |

| l hereby appoin | t: | | | |
|-------------------------|--|------------------------------|----------------------|--|
| X Practitione OR | rs at Customer Number | | → | 22542 |
| Practitione | r(s) named below: | | | 23543 Air Products and Chemicals, Inc. |
| | \Name | | Regist | TE TOURS OF THE PROPERTY OF TH |
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| Telephone | | | Fax | |
| I am the: | | | | |
| Applicant | /Inventor. | | | |
| X Assignee | of record of the entire in | vterest See 37 CFR 3 | 3.71. | |
| | t under 37 CFR 3.73(b) | | | _ |
| | SIGNATURE | of Applicant or Assig | nee of Record | |
| Name | William F. Marsh | | | |
| Signature | Willia I Fre | n | | |
| Date | February 15, 20 | 02 | | |
| NOTE: Signatures of all | the inventors or assignees of ignature is required, see belo | record of the entire interes | st or their represer | tative(s) are required. Submit multiple |
| ☑ *Total of1 | forms are submitted. | | | |

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PTO/SB/96 (08-00)
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| STATEMENT UNDER 37 CFR 3.73(b) | | | | |
|---|--|--|--|--|
| Applicant/Patent Owner: Machado, et al. | | | | |
| Application No./Patent No.: | Filed/Issue Date: | | | |
| Entitled: Catalyst Holder and Agitation System for Co | onverting Stirred Tank Reactor to Fixed Bed | | | |
| Air Products and Chemicals, Inc. , a corporation | | | | |
| (Name of Assignee) (Type of Assi | gnee, e.g., corporation, partnership, university, government agency, etc.) | | | |
| states that it is: | | | | |
| 1. X the assignee of the entire right, title, and interest; | or | | | |
| 2. an assignee of less than the entire right, title and the extent (by, percentage) of its ownership interest. | interest. est is% | | | |
| in the patent application/patent identified above by virtue | of either: | | | |
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| OR | | | | |
| B. [] A chain of title from the inventor(s), of the patent a assignee as shown below: | application/patent identified above, to the current | | | |
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| The undersigned (whose title is supplied below) is author | ized to act on behalf of the assignee. | | | |
| February 15, 2002 | William F. Marsh | | | |
| Date | Typed or printed name | | | |
| | Signature Signature | | | |
| | Assistant General Counsel, Patents | | | |
| · | Title | | | |

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